

ENVIRONMENTAL QUALITY MANAGEMENT, INC.

1310 Kemper Meadow Drive • Suite 100 Cincinnati, Ohio 45240 (513) 825-7500 FAX (513) 825-7495

February 26, 2001

Mr. Mark Durno U.S. Environmental Protection Agency 25089 Center Ridge Road Westlake, Ohio 44145

Re: EPA Contract No. 68-S5-9801 Delivery Order No. 9801-05-065 Mahoningside Power Plant Site Warren, Ohio COC # 5-60894

Dear Mr. Durno

Enclosed, please find the original data package for the sample taken at the above referenced site on October 24, 2000. The sample was received at STS Consultants in Schoolfield, WI on November 8, 2000 and analyzed for Grain Size Distribution by Method ASTM D422. The data package was sent to Environmental Quality Management, Inc. (EQ) upon completion of the analysis for a preliminary review. It appears that all the information in the data package has been provided and no quality issues were identified by the laboratory or EQM.

Per your request, data validation has not been performed on the data package. The preliminary review was based upon method requirements and the OSWER Directive. If you have any questions regarding this report, please feel free to contact me at 800-500-0575.

Sincerely,

ENVIRONMENTAL QUALITY MANAGEMENT, INC.

Mark Jarski

Analytical Coordinator

Enclosure

STS Consultants, Ltd. Transmittal Letter



GREEN BAY Phone (414) 468-1978 Fax (414) 468-3312 WAUSAU Phone (715) 355-4304 Fax (715) 355-4513 MILWAUKEE Phone (414) 359-3030 Fax (414) 359-0822 OSHKOSH Phone (414) 235-0270 Fax (414) 235-0321

5-60894

			J Work
Environmental Quality Managemer EERS 1310 Kemper Meadow Drive Cincinnati, Ohio 45240 Attn: Mark Jarski	nt, Inc.	Date: STS Job No.: Project: Location:	November 16, 2000 26312 Mahoning River Site Cinncinati, Ohio
We are sending:			
attached under separate co	over via:	•	
the following item(s):			
Prints	Copy of Lette	r	Samples
Shop Drawings	Change Orde	r	Test Results
Specifications	Boring Logs		Draft Report #
Other			Concrete Report #
They are transmitted as indicated:			
For Approval			As Requested
For Your Use			For Review and Comment
Remarks:			
Attached are the Grain Size Distribution	n test results. If you	u have any questio	ns please contact me.

STS Representative: Carrie K. Nienow

Title: Assistant Project Engineer

STS Laboratory Services Group



GRAIN SIZE DISTRIBUTION (ASTM D 422) STS JOB NO.: 26312 DATE: 11-15-00 LL: PL: PL: - PL: - SP.GR.: 2.70 EST.

STS CONSULTANTS LTD.

PROJECT:

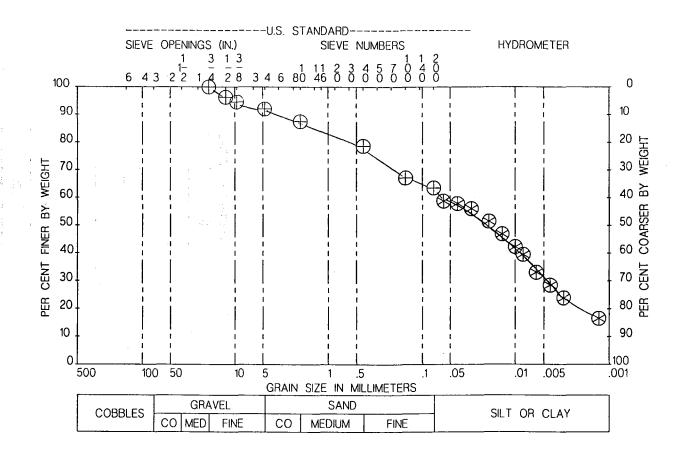
MAHONING RIVER SITE

BORING/SOURCE: SAMPLE NUMBER: BULK SAMPLE

L2111-1

DEPTH [FEET]: - USCS CLASSIFICATION:

SOIL DESCRIPTION: RIVER SEDIMENTS



STS CONSULTANTS, LTD.

GRAIN SIZE DISTRIBUTION (ASTM D 422)

Project: MAHONING RIVER SITE

Boring/Source: BULK SAMPLE

Sample Number: L2111-1

Depth (feet): -

USCS Classification: --

Soil Description: RIVER SEDIMENTS

STS Job No.: 26312

Date: 11-15-00

PL: - PI: -LL: -

WC: -SP.GR.: 2.70 Est.

Cu: Cc: -

SIEVE ANALYSIS --

SAMPLE WEIGHT: 54.41 GRAMS

SIEVE SIZE	PER CENT RETAINED	PER CENT PASSING
3/4" 1/2" 3/8" #4 #10 #40 #100 #200	.0 3.7 1.8 2.5 4.5 8.8 11.5 3.7	100.0 96.3 94.6 92.1 87.6 78.7 67.2 63.6
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HYDROMETER ANALYSIS --

HYDROMETER SAMPLE WEIGHT: 47.15 GRAMS

TIME CENTIGRADE READING READING SIZE FI	INER
.50 21.0 39.5 32.0 .0589	58.8
1.00 21.0 39.0 31.5 .0418 5	57.9
2.00 21.0 38.0 30.5 .0298	56.0
5.00 21.0 35.5 28.0 .0192	51.4
10.00 21.0 33.0 25.5 .0139	16.9
20.00 21.0 30.5 23.0 .0100 4	12.3
30.00 21.0 29.0 21.5 .0082	39.5
60.00 21.0 25.5 18.0 .0060	33.1
120.00 21.0 23.0 15.5 .0043 2	28.5
240.00 21.0 20.5 13.0 .0031	23.9
1440.00 21.0 16.5 9.0 .0013	16.5

	CHAIN OF CUSTODY	Y RECORD	Chicago, Illinois 60604
030141-0065 Mahoningside River SHR			Activity Code:
0301919000 Manoning sect Miles	NO.		′ / / / /
SAMPLERS: (Print Name and Sign) Kelly Smith Kelly and	OF CON-		
STA. NO. DATE TIME OF STATION LOCATION	TAINERS N		TAG NUMBERS
MR-Presid 1924 1600 X New 424 Dlug			OA Level II
<u> </u>			Verbal results due botoce AM "/1490
		<u> </u>	Send & For Routs to
		 	Jacke Doan
			Go Environmentar Quality High.
- Williams			1310 remper Meadowar
			Cinci 0H 46240
White the second			Dhone 013-823-7500
			Fry 513-825-9728
			* Sample contains PCB
Relinquished by: (Signature) Date / Time Received I Holor 140 Fed E	by: (Signature)		Ship To: STS Consultants 3909 Concordo the
	Received by: (Signature)		Schoolfield, WI 5447/2 ATTN: Carrie Nelnow 115-355-1304
*			ATTN: Carine Nelnow 115-355-4304
Relinquished by: (Signature) Date / Time Received (Signature) (Signature)	for Laboratory by:	1	Airbill Number
Distribution: White - Accompanies Shipment; Pink - Coordinato	or Field Files: Yellow - Laboratory F		Chain of Custody Seal Numbers